

Power Line Filter For Military**Power Line Filter For Military****1. Product Description**

The power line filter for military applications is designed to meet the demanding electromagnetic environment of military equipment, providing excellent EMI suppression. It effectively filters both high and low-frequency interference in power systems, ensuring stable operation of equipment and reducing power noise impact on sensitive devices.

2. Typical Applications

- Auxiliary power supply for military equipment
- Measurement equipment
- Monitoring equipment
- Drivers
- Consoles
- Communication equipment
- Machinery

3. Product Features

- Meets the stringent CE102 requirements outlined in MIL-STD-188-125, MIL-STD-461, IEC 60939, GJB6242-2008, GJB151A/152A standards.
- Delivers exceptional filtering performance across both high and low frequencies, ensuring comprehensive protection against EMI.
- Effectively reduces interference from switching frequencies and higher harmonics, safeguarding power lines from disruptions.
- Tailored to meet specific customer requirements, providing flexible and precise filtering solutions.
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4. Technical Data

Type	Rated Current (A)	Rated Voltage	Rated Frequency	I _{Leakage} (≤mA)	Test Voltage (2s)	Dim.	Output	Climate Category
NDJ2204-1Q	1	125/250VAC	50~400Hz	1 250VAC/ 50Hz	Line / Line 1500VDC	Fig 1		40/85/21
NDJ2204-3Q	3					Fig 2		
NDJ2204-6Q	6					Fig 3		
NDJ2205-10S	10			5 250VAC/ 50Hz	Line / Ground 2250VDC	Fig 4		
NDJ3207-5AS	5					Fig 5		
NDJ3209-10S	10							
NDJ3209G-20S	20							

5. Outline Drawing (mm)

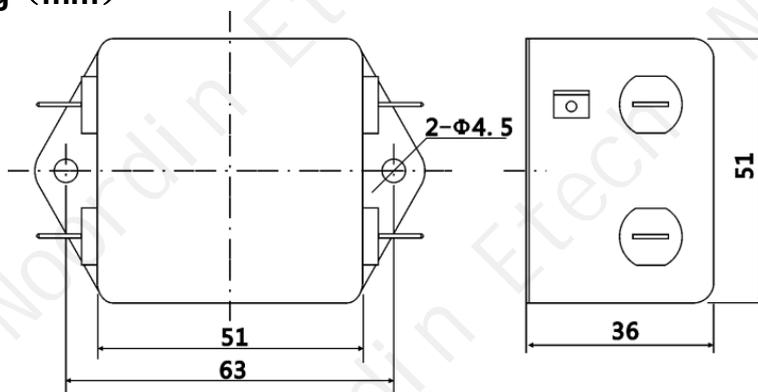


Fig 1

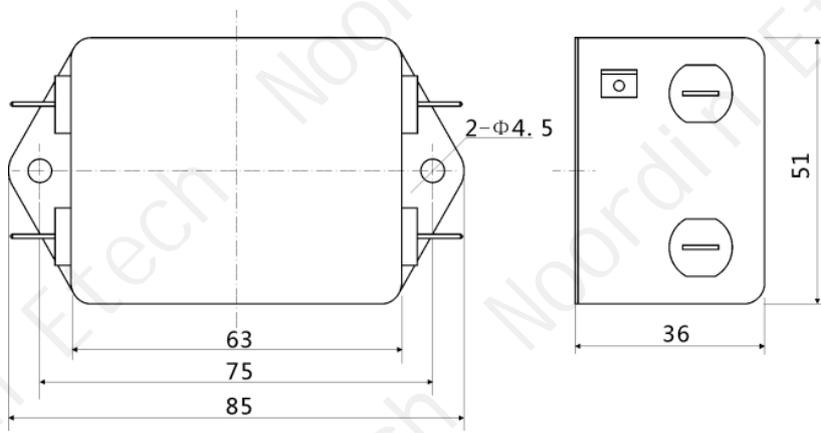


Fig 2

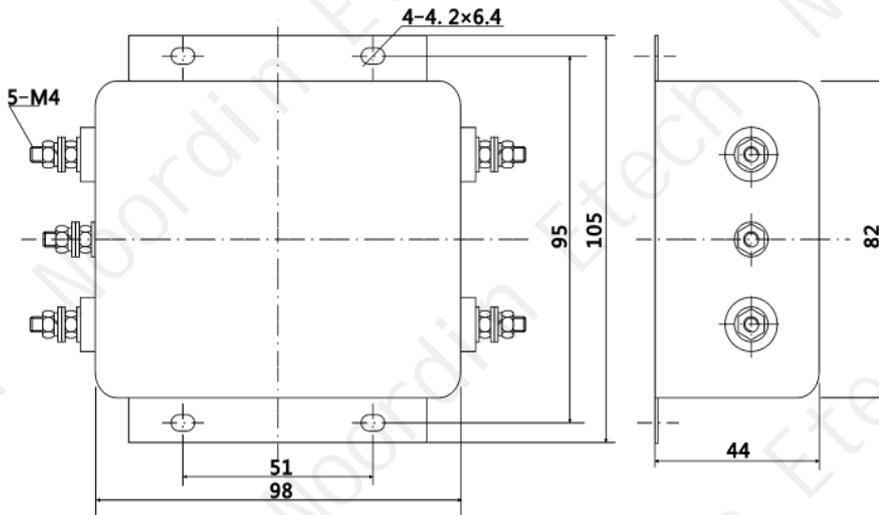


Fig 3

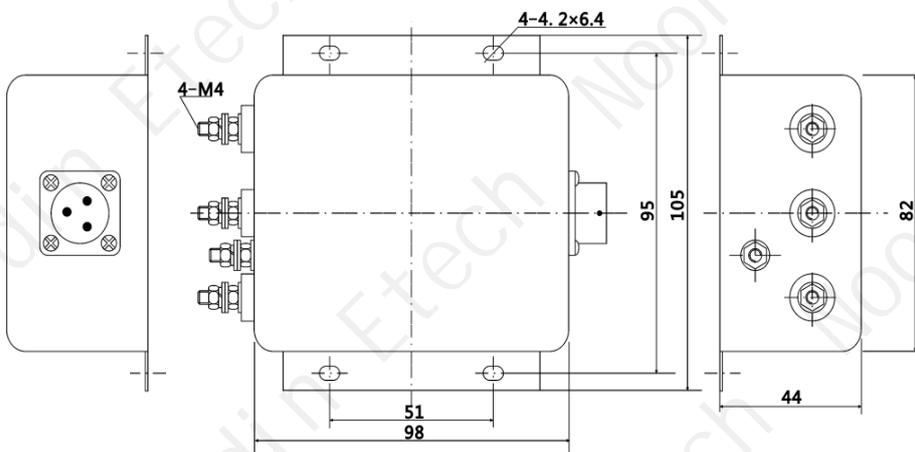


Fig 4

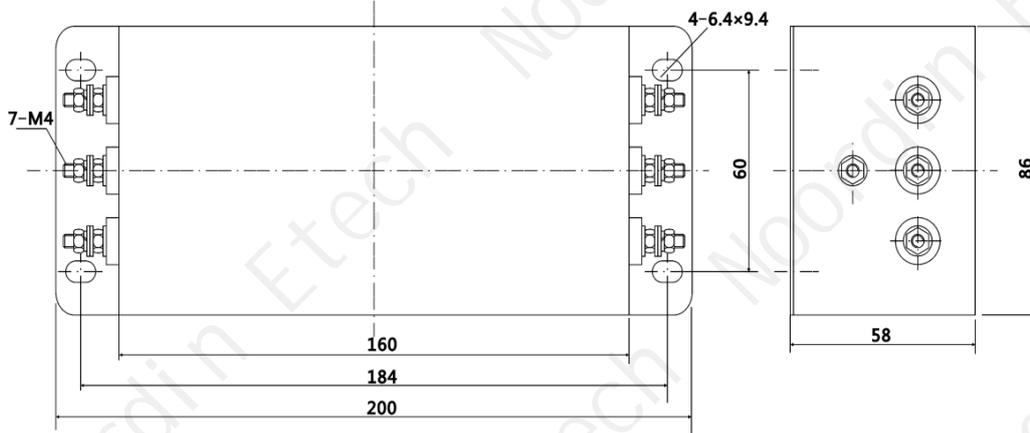


Fig 5

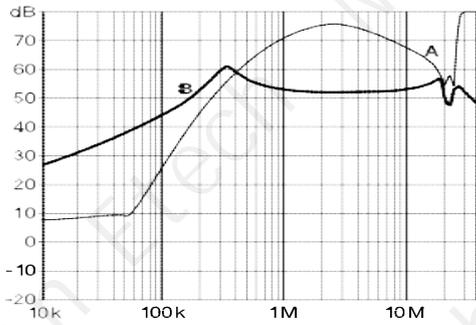
6. Insertion Loss

Insertion loss measured in 50Ω/50Ω system, as IEC/CISPR No. 17

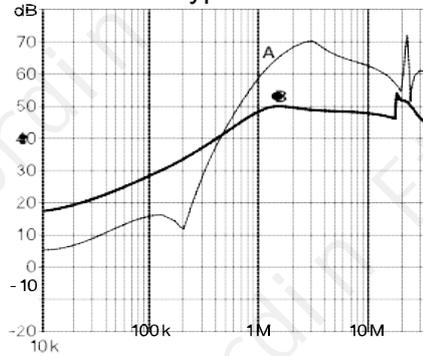
A=Differential mode

B=Common Mode

1 to 10A Type



20A Type



Contact Us

No. 11 Shunyuan Road, Xinbei District, Changzhou, Jiangsu Province, China

+86 0519 86815058

sales@noordin.cn, cyt@noordin.cn, bjw@noordin.cn